

BIOCHEM SYSTEMS DIV GOLDEN TECHNOLOGIES -- BIO T MAX - CLEANING COMPOUND, SOLVENT  
MATERIAL SAFETY DATA SHEET  
NSN: 6850013813785  
Manufacturer's CAGE: OXYGO  
Part No. Indicator: A  
Part Number/Trade Name: BIO T MAX

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**General Information**

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Item Name: CLEANING COMPOUND, SOLVENT  
Company's Name: BIOCHEM SYSTEMS DIV GOLDEN TECHNOLOGIES CO INC  
Company's Street: 14452 W 44TH AVE  
Company's P. O. Box: 437  
Company's City: GOLDEN  
Company's State: CO  
Company's Country: US  
Company's Zip Code: 80402  
Company's Emerg Ph #: 303-277-2750  
Company's Info Ph #: 800-777-7870  
Distributor/Vendor # 1: NATIONAL PAINT AND COATINGS ASSN  
Distributor/Vendor # 1 Cage: 5L973  
Distributor/Vendor # 2: R. M. WAITE CO  
Distributor/Vendor # 2 Cage: 0V485  
Record No. For Safety Entry: 001  
Tot Safety Entries This Stk#: 001  
Status: SE  
Date MSDS Prepared: 10DEC92  
Safety Data Review Date: 16AUG94  
Supply Item Manager: CX  
MSDS Preparer's Name: C. R. HAMILTON  
MSDS Serial Number: BSGMD  
Specification Number: UNKNOWN  
Spec Type, Grade, Class: UNKNOWN  
Hazard Characteristic Code: F8  
Unit Of Issue: BX  
Unit Of Issue Container Qty: 4 X 1 GALLONS  
Type Of Container: CONTAINER  
Net Unit Weight: 7.2 LBS

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**Ingredients/Identity Information**

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Proprietary: NO  
Ingredient: NATURAL TURPENE (MANUFACTURER STATES AMOUNT IS TRADE SECRET).  
Ingredient Sequence Number: 01  
Percent: UNKNOWN  
NIOSH (RTECS) Number: 1010656NT  
OSHA PEL: NOT ESTABLISHED  
ACGIH TLV: NOT ESTABLISHED  
Other Recommended Limit: NONE RECOMMENDED

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**Physical/Chemical Characteristics**

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Appearance And Odor: CLEAR YELLOW LIQUID; CITRUS ODOR  
Boiling Point: 334F, 168C  
Melting Point: UNKNOWN  
Vapor Pressure (MM Hg/70 F): <2 MM HG  
Vapor Density (Air=1): <1 (AIR=1)

Specific Gravity: 0.863 (WATER=1)  
Decomposition Temperature: UNKNOWN  
Evaporation Rate And Ref: 1 (WATER=1)  
Solubility In Water: DISPERSIBLE  
pH: >7.5  
Corrosion Rate (IPY): UNKNOWN

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#### Fire and Explosion Hazard Data

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Flash Point: 130F, 54C  
Flash Point Method: PMCC  
Lower Explosive Limit: UNKNOWN  
Upper Explosive Limit: UNKNOWN  
Extinguishing Media: DRY CHEMICAL, CARBON DIOXIDE, HALON  
Special Fire Fighting Proc: USE SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR. DO NOT USE WATER.  
Unusual Fire And Expl Hazrds: NONE

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#### Reactivity Data

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Stability: YES  
Cond To Avoid (Stability): AVOID USE OF ANY IGNITION SOURCE NEAR THIS PRODUCT. AVOID CONTACT WITH STRONG OXIDIZING AGENTS.  
Materials To Avoid: STRONG OXIDIZING AGENTS  
Hazardous Decomp Products: CARBON MONOXIDE  
Hazardous Poly Occur: NO  
Conditions To Avoid (Poly): NONE

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#### Health Hazard Data

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LD50-LC50 Mixture: ORAL LD50 (RAT) IS UNKNOWN  
Route Of Entry - Inhalation: YES  
Route Of Entry - Skin: YES  
Route Of Entry - Ingestion: NO  
Health Haz Acute And Chronic: ACUTE: INHALATION OF AEROSOL/SPRAY MAY RESULT IN CENTRAL NERVOUS SYSTEM DEPRESSION. CONTACT MAY IRRITATE SKIN OR EYES. NO HEALTH EFFECTS GIVEN FOR INGESTION. CHRONIC: PROLONGED OR REPEATED EXPOSURE MAY CAUSE CENTRAL NERVOUS SYSTEM DEPRESSION; DERMATITIS.  
Carcinogeni city - NTP: NO  
Carcinogeni city - IARC: NO  
Carcinogeni city - OSHA: NO  
Explanation Carcinogeni city: NO INGREDIENT OF A CONCENTRATION OF 0.1% OR GREATER IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN.  
Signs/Symptoms Of Overexp: INHALED: DROWSINESS, HEADACHE, UNCOORDINATION. EYES: REDNESS, TEARING, DISCOMFORT. SKIN: REDNESS, ITCHING, DISCOMFORT. INGESTED: NONE SPECIFIED BY MANUFACTURER.  
Med Cond Aggravated By Exp: PREDISPOSITION TO ALLERGIC CONTACT DERMATITIS.  
Emergency/First Aid Proc: INHALED: MOVE TO FRESH AIR. RESTORE BREATHING IF NEEDED. GET MEDICAL ATTENTION IF SYPTOMS PERSIST. EYES: FLUSH WITH WATER FOR 15 MINUTES, HOLD LIDS OPEN. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHES. WASH WITH MILD SOAP AND WATER. SEE DOCTOR IF SYMPTOMS PERSIST.

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#### Precautions for Safe Handling and Use

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Steps If Matl Released/Spill: CONTAIN PRODUCT WITH INERT MATERIAL OR ABSORBENT MATERIAL SUCH AS ACTIVATED CARBON OR KITTY LITTER. PLACE IN A

CONTAINER FOR LATER DISPOSAL.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Method: HAZARDOUS SUBSTANCES CLEANED WITH THIS PRODUCT MAY BE CONSIDERED HAZARDOUS WASTE. UNUSED PORTIONS OF THIS PRODUCT MAY BE DISPOSED OF AS NON-HAZARDOUS WASTE. DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

Precautions- Handling/Storing: STORE IN GLASS, TIN LINED, STAINLESS STEEL OR EPOXY-LINED CONTAINERS IN WELL-VENTILATED AREAS AT TEMPERATURES BELOW 130F. DO NOT STORE IN PLASTIC.

Other Precautions: STORE IN CLOSED CONTAINERS. STORE AWAY FROM SOURCES OF IGNITION AND STRONG OXIDIZING AGENTS. PROTECT AGAINST PHYSICAL DAMAGE TO CONTAINERS.

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**Control Measures**  
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Respiratory Protection: NONE NORMALLY REQUIRED. IF ENGINEERING CONTROLS FAIL OR EMERGENCY OCCURS; USE NIOSH/MSHA APPROVED RESPIRATOR OR SUPPLIED AIR RESPIRATOR OR SCBA, AS REQUIRED. USE IN ACCORDANCE WITH 29 CFR 1910.134 AND MAUFACTURER'S RECOMMENDATIONS.

Ventilation: USE ADEQUATE MECHANICAL VENTILATION.

Protective Gloves: NITRILE

Eye Protection: GOGGLES

Other Protective Equipment: NONE SPECIFIED BY MANUFACTURER. HMIS: EYE WASH AVAILABLE.

Work Hygienic Practices: WASH HANDS AFTER USE AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHES BEFORE REUSE.

Suppl. Safety & Health Data: AVOID WEARING CLOTHES SATURATED WITH CLEANER. PER TIR- USES: HEAVY DUTY CLEANER FOR USE IN HEAVY INDUSTRIAL DIP TANKS, PRESSURE SPRAY UNITS AND OTHER SIMILAR INDUSTRIAL APPLICATIONS.

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**Transportation Data**  
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Trans Data Review Date: 93362

DOT PSN Code: GJL

DOT Proper Shipping Name: FLAMMABLE LIQUIDS, N. O. S.

DOT Class: 3

DOT ID Number: UN1993

DOT Pack Group: III

DOT Label: FLAMMABLE LIQUID

IMD PSN Code: HIA

IMD Proper Shipping Name: FLAMMABLE LIQUID, N. O. S. o

IMD Regulations Page Number: 3345

IMD UN Number: 1993

IMD UN Class: 3.3

IMD Subsidiary Risk Label: -

IATA PSN Code: MCA

IATA UN ID Number: 1993

IATA Proper Shipping Name: FLAMMABLE LIQUID, N. O. S. \*

IATA UN Class: 3

IATA Label: FLAMMABLE LIQUID

AFI PSN Code: MCA

AFI Prop. Shipping Name: FLAMMABLE LIQUIDS, N. O. S.

AFI Class: 3

AFI ID Number: UN1993

AFI Pack Group: III

AFI Basic Pac Ref: 7-7  
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**Disposal Data****Label Data**

**Label Required:** YES  
**Technical Review Date:** 16AUG94  
**MFR Label Number:** UNKNOWN  
**Label Status:** F  
**Common Name:** BIO T MAX  
**Signal Word:** WARNING!  
**Acute Health Hazard-Moderate:** X  
**Contact Hazard-Slight:** X  
**Fire Hazard-Moderate:** X  
**Reactivity Hazard-None:** X  
**Special Hazard Precautions:** TARGET ORGANS: EYES, SKIN, RESPIRATORY TRACT. ACUTE- MAY CAUSE EYES, SKIN, RESPIRATORY IRRITATION. INHALATION OF MISTS/ VAPORS MAY CAUSE HEADACHES, DIZZINESS, DROWSINESS. CHRONIC- UNKNOWN. STORE IN A COOL PLACE AWAY FROM INCOMPATIBLE MATERIALS, FLAMES & SPARKS. PICK UP SPILL WITH NON- FLAMMABLE ABSORBENT MATERIALS. PLACE IN CONTAINER FOR DISPOSAL. PREVENT LIQUID FROM ENTERING SEWERS. FIRST AID- GET MEDICAL ATTENTION IF SYMPTOMS PERSIST. SKIN: WASH SKIN WITH SOAP & WATER. EYE: FLUSH WITH WATER FOR 15 MINUTES, HOLDING EYELIDS OPEN. INHALED: REMOVE TO FRESH AIR. ORAL: DO NOT INDUCE VOMITING. CALL A PHYSICIAN IMMEDIATELY.  
**Protect Eye:** Y  
**Protect Skin:** Y  
**Label Name:** BIOCHEM SYSTEMS DIV GOLDEN TECHNOLOGIES CO  
INC  
**Label Street:** 14452 W 44TH AVE  
**Label P. O. Box:** 437  
**Label City:** GOLDEN  
**Label State:** CO  
**Label Zip Code:** 80402  
**Label Country:** US  
**Label Emergency Number:** 303-277-2750